

Use Attainability Analysis

for

WBID 2392 Calton Creek

Submitted by Missouri Department of Natural Resources Staff

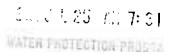
to Missouri Department of Natural Resources Water Protection Program

Date received: July 25, 2005

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Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification



Water Body Name (from USGS 7.5' quad): Calton Creek
8-digit HUC: 11010002
Missouri WBID #: 2392
County: Barry
Upstream Legal Description: 16,25N26W
Downstream Legal Description: 25,25N,27W
Upstream Coordinates: 429230E 4081420N
Downstream Coordinates: 425985E 4077810N
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Jeff Woodward (417)888-4029
Organization: DNR SWCP
Position: Soil Scientist III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	andre -	Date:
	6-5-05	

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2393	2-01		Site Location Description: Private Drive off of FR 1138 SE, NE 17, T25N, R26W.				
Site GPS Coordinates: 4	129230E 4081420N		12514, 12544				
Date & Time: 6-09-05			Facility Name:				
Personnel: Jeff Woodw	ard		Permit Number:				
Current Weather Condit	ions: 70 Sunny		Weather Conditions for Past 7 days: Scattered Storms				
Photo Ids: Upstream: w	/bu2392-01 Dow	nstream; wb	d2392-01 Other	: wbe2392-01,01a,01b,01c	,01d,01e		
ses Observed*:							
Swimming	Skin diving	□ SC	UBA diving	Tubing	☐ Water skiing		
Wind surfing	☐ Kayaking	Bos	ating	Wading	Rafting		
Hunting	☐ Trapping	☐ Fis	hing	None of the above	Other:		
Describe: (include numb	er of individuals rec	reating, irequi	ency of use, photo-	documentation of evidence	of recreational uses, etc.,		
59				ses. Attach photos of evide			
urrounding Condition		promote or im					
urrounding Conditions of interest.)	ns*: (Mark all that p	promote or im	pede recreational u	ses. Attach photos of evide	nce or unusual		
nrrounding Conditions ms of interest.) City/county parks	ns*: (Mark all that p	promote or im	pede recreational u nservation lands forests	ses. Attach photos of evide	nce or unusual		
mrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	oromote or im MDC co	pede recreational u nservation lands forests	ses. Attach photos of evide Urban areas Nature trails	nce or unusual		
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or im MDC co National	pede recreational u nservation lands forests	ses. Attach photos of evide Urban areas Nature trails	nce or unusual		
mrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or im MDC co National	pede recreational unservation lands forests	ses. Attach photos of evide Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway		

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID #2392-01:

Upstream V	nology: /iew Phy	sical Di	mensio	ns:						
⊠ Riffle V	Vidth (ft):	15	Leng	gth (ft):	75 A	vg. Depth (f	t): .5	М	ax. Depth (ft): 1
☐ Run V	Vidth (ft):		Len	gth (ft):	Α	vg. Depth (f	t):	M	ax. Depth (ft):
☐ Pool V	Vidth (ft):		Leng	gth (ft):	A	vg. Depth (f	t):	M	ax. Depth (ft):
⊠ Flow P	resent?	⊠ Yes	☐ No		Е	stimated (ft ³	/sec): 1			
Downstream	n View I	Physical	Dimen	sions.						
	Width (ft):			gth (ft):	100 A	vg. Depth (f	t): .5	М	ax. Depth (ft): 1
☐ Run V	Width (ft):		Len	gth (ft):	A	vg. Depth (f	t):	M	ax. Depth (ft);
☐ Pool V	Width (ft):		Len	gth (ft):	A	vg. Depth (f	t):	М	ax. Depth (ft	:):
⊠ Flow F	resent?	⊠ Yes	☐ No		E	estimated (ft ³	/sec): 1			
				SERVICEMENTS						
ubstrate*: (7							0/ 07/	0/ 3	. 1/01	0/ D 1 1
20% (Cobble	00%	% Gravel		20% Sand		% Silt	70 IV	/lud/Clay	% Bedrock
Vater Charac	cteristics	*: (Mark	all that a	apply.)						
Vater Charac	cteristics	*: (Mark Sewage		ipply.) Musky	Cher	nical	None None None None None		Other:	
T				-	☐ Cher	4.0000724	None Milky		Other:	
Odor:		Sewage		Musky	☐ Gray	4.0000724	The state of the s			
Color:	osit:	Sewage Clear		Musky Green	☐ Gray	sediments	Milky		Other:	
Odor: Color: Bottom Depo Surface Depo Comments: Pl This information omprehensive un ecision on the re	osit: osit: lease atta n is not to be nderstandir creation us	Sewage Clear Sludge Oil ch addit be used so ng of wate se analysis	ional co	Musky Green Solids Scum ommen emoval ons. Co	Gray Fine Foar ts (including of a recreationansequently, this conditions that	sediments n g information al use designates information at need further	Milky None None non from interest is not intender analysis or	er is to preed to dire	Other: Other: Other: Other: other: other: Other: Other: Other:	e ce a
Odor: Color: Bottom Depo Surface Depo Comments: Pl This information comprehensive ur ecision on the re	osit: osit: lease atta n is not to be nderstandir creation us	Sewage Clear Sludge Oil ch addit be used so ng of wate se analysis reby aff accurate	ional co	Musky Green Solids Scum ommen emoval ons. Co	Gray Fine Foar ts (including of a recreationansequently, this conditions that	sediments n g information al use designates information at need further whedge, the	Milky None None non from interest is not intender analysis or	er is to pred to direct that effective rmation	Other: Other: Other: Other: s) to this for a more ectly influence another use	e ce a e.

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 239	92-02		THE CO. AND THE PROPERTY OF THE PARTY OF THE	Description: CR 1140 1/10 m	i. North of cr1138 SE, S			
Site GPS Coordinates:	429230E 4081420N		18, T25N, R26	w.				
Date & Time: 6-09-05	9:55AM		Facility Name:	Facility Name:				
Personnel: Jeff Woody	vard		Permit Number	Permit Number:				
Current Weather Cond	itions: 70 Sunny		Weather Condi	tions for Past 7 days: Scatter	red Storms			
Photo Ids: Upstream:	WUUZJ9Z-UZ	vnstream:	wbd2392- Oth	er: wbe2392-02a,02b,02c				
es Observed*:								
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		Boating	Wading	Rafting			
Hunting	Trapping	Ø	Fishing	☐ None of the above	Other:			
Describe: (include nun	ber of individuals rec	creating, fre	equency of use, photo	o-documentation of evidence	of recreational uses, etc			
rrounding Condition				uses. Attach photos of evidence				
rrounding Condition		promote or						
rrounding Conditions of interest.)	ons*: (Mark all that	promote or	impede recreational	uses. Attach photos of evide	nce or unusual			
rrounding Conditions of interest.)	ons*: (Mark all that	promote or	r impede recreational C conservation lands	uses. Attach photos of evide	nce or unusual			
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	Ons*: (Mark all that ☐ Playgrounds ☐ State parks ☐ Fence	promote or	impede recreational Conservation lands	uses. Attach photos of evide	nce or unusual			
rrounding Conditions of interest.) City/county parks Boating accesses	Ons*: (Mark all that ☐ Playgrounds ☐ State parks ☐ Fence	promote or MDC	impede recreational Conservation lands	uses. Attach photos of evide	nce or unusual			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2392-02:

Stream Morp Upstream		vsical D	imensio	ons:								
Riffle	Width (ft):		Len	gth (ft):		Avg	. Depth (ft):		М	ax. Depth (f	t):
Run	Width (ft):	15	Len	gth (ft):	100	Avg	. Depth (ft):	.8	М	ax. Depth (f	t): 2
Pool	Width (ft):		Len	gth (ft):		Avg	. Depth (ft):		M	ax. Depth (f	t):
⊠ Flow	Present?	⊠ Yes	☐ No			Esti	mated (ft	3/sec	c): 2			
Downstree	m View	Dhysiaa	l Dimo	eione.								
Downstrea Riffle	Width (ft):			gth (ft):		Avg	. Depth (ft):		M	ax. Depth (f	t):
Run	Width (ft):		Len	gth (ft):		Avg	. Depth (ft):		M	ax. Depth (f	t):
⊠ Pool	Width (ft):	18	Ler	gth (ft):	50	Avg	. Depth (ft):	3	M	ax. Depth (f	ît): 6
	Present?	⊠ Yes	□ No				mated (ft					
		No. 10 Table										
Substrate*: (0/.2		
5%	Cobble	80	% Grave	11.	% 5	Sand			% Silt	% N	/lud/Clay	15% Bedrock
Algea on roo												
Water Chara	cteristic	** (Marl	call that	annly)								
Odor:] Sewage		Musky		Chemic	al	\boxtimes	None		Other:	rediline -
Color:	×	Clear		Green		Gray			Milky		Other:	
Bottom Dep	osit:	Sludge		Solids		Fine see	diments	\boxtimes	None		Other:	
Surface Dep	osit:] Oil		Scum	\boxtimes	Foam			None		Other:	
*This informatio comprehensive u decision on the r	n is not to nderstandi ecreation u	be used so ng of wate se analysi	olely for a er conditi is but ma	removal o ons. Con y point to	of a recreasequently	ational u y, this in ns that n	se design formatio eed furth	natio n is ner a	on but rathe not intend nalysis or	er is to pred to direct	rovide a morectly influer	re ace a
datasheet is t							J ,				•	
Signed:	MN	ller	_			1	Date:_	ť	5-9-0	75-		
Organization:	MOD	NR	-Sh	ICP			Positio	n: _	Soil	Scie	STIST	711

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 2392	2-03			n Description: CR 1135 Cree	k Crossing SE, SE 25,			
Site GPS Coordinates: 4	425985E 4077810	N	125N, R27	T25N, R27W. Facility Name:				
Date & Time: 6-09-05 1	10:35AM		Facility Nar					
Personnel: Jeff Woodwa	ard		Permit Num	ber:				
Current Weather Condit	ions: 75 Sunny		Weather Co	Weather Conditions for Past 7 days: Scattered Storms				
Photo Ids: Upstream: w	vbu2392-03 D	ownstrear	m: wbd2392-03	Other:				
es Observed*:								
Swimming	Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		☐ Boating	Wading	Rafting			
Hunting	☐ Trapping		Fishing	None of the above	Other:			
4		coroating	, frequency of use, p	noto-documentation of evidence	or reconstitutional abos, on			
rrounding Condition		ii i		nal uses. Attach photos of evid				
rrounding Condition		at promote		nal uses. Attach photos of evid				
rrounding Conditions of interest.)	ns*: (Mark all th	at promote	e or impede recreatio	nal uses. Attach photos of evid	dence or unusual			
rrounding Conditions of interest.)	ns*: (Mark all th	at promotes M	e or impede recreation	nal uses. Attach photos of evid	dence or unusual			
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the Playground State parks	at promotes M	e or impede recreation IDC conservation landational forests	nal uses. Attach photos of evidods Urban areas	dence or unusual			
rrounding Conditions of interest.) City/county parks Boating accesses	ns*: (Mark all the Playground State parks	at promote s	e or impede recreation IDC conservation landational forests	nal uses. Attach photos of evidods Urban areas	dence or unusual Campgrounds Stairs/walkway			
rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all the Playground State parks	at promote S	e or impede recreation IDC conservation land ational forests teep slopes	nal uses. Attach photos of evidos Urban areas Nature trails Other:	dence or unusual Campgrounds Stairs/walkway			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #2392-03:

Riffle Width		ical Dir	nensions:	Assa Davel /	'Α\.	May Death (6)	
			SCALL SOLVENING WAY	Avg. Depth (Max. Depth (ft):	
Run Width	-		Length (ft):	Avg. Depth (Max. Depth (ft):	
Pool Width	(ft):		Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Flow Preser	nt?	Yes	⊠ No	Estimated (fi	3/sec):		\$1
Downstream V	iew P	hysical	Dimensions:				
Riffle Width	(ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Width	(ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool Width	(ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Flow Presen	nt? [Yes	⊠ No	Estimated (fi	³ /sec):		
ubstrate*: (These			dd up to 100%.) Gravel	10% Sand	% Silt	2% Mud/Clay	10% Bedrock
ater Characteri	stics*	: (Mark a	ll that apply.)				
acci Characteri							
Odor:	100 000	Sewage	Musky	Chemical	None	Other:	
195811				☐ Chemical	⊠ None ☐ Milky	Other:	
Odor:		Sewage	Musky				
Odor: Color: Bottom Deposit: Surface Deposit:		Sewage Clear Sludge Dil	☐ Musky ☐ Green ☐ Solids ☐ Scum	Gray Fine sediments Foam	☐ Milky ☐ None ☐ None	Other: dry Other: Other:	
Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is no omprehensive undersite ecision on the recreate	attace at to be canding ion use	Sewage Clear Sludge Dil h addition used sole of water analysis	Musky Green Solids Scum onal comments ely for removal of conditions. Consecut may point to consecut may point to conditions.	Gray Fine sediments	Milky None None None ion from interaction but rather is not intender analysis or	Other: dry Other: Other: Other: erviews) to this form	a
Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please This information is no omprehensive undersite ecision on the recreate	attace attace at to be canding ion use	Sewage Clear Sludge Dil h addition used sole of water analysis eby affin ecurate.	Musky Green Solids Scum onal comments ely for removal of conditions. Consecut may point to comment to the best	Gray Fine sediments Foam (including information a recreational use design equently, this information conditions that need further	Milky None None None ion from intended is not intender analysis or	Other: dry Other: Other: Other: erviews) to this form or is to provide a more ed to directly influence that effect another use.	a n this UAA

September 1 County, Rd 2040 County Rd (150 Private Private VV vwH estate Private Prilyate WB2392-002 Complete (CO County Rd 2032 Private COUNTY STATES

Calton Cr. (WB2392) Barry County, Missouri



Site# 1 Photo ID# d-01, Downstream



Site# 1 Photo ID# e-01, Extra



Site# 1 Photo ID# u-01, Upstream



Site# 1 Photo ID# e-01a, Extra



Site# 1 Photo ID# e-01b, Extra



Site# 1 Photo ID# e-01d, Extra



Site# 1 Photo ID# e-01c, Extra



Site# 1 Photo ID# e-01e, Extra



Site# 2 Photo ID# d-02a, Downstream



Site# 2 Photo ID# d-02b



Site# 2 Photo ID# u-02, Upstream



Site# 2 Photo ID# d-02c



Site# 2 Photo ID# d-02d



Site# 2 Photo ID# e-02b, Extra



Site# 2 Photo ID# e-02a, Extra



Site# 2 Photo ID# e-02c, Extra



Site# 3 Photo ID# d-03, Downstream



Site# 3 Photo ID# u-03, Upstream